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NEWS

Geological Society of Minnesota

MINNEAPOLIS, MINNESOTA



Minnesota Geological Survey
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FIRST CLASS



Ethel A. Shimek - Editor
2745 Colfax Ave. South
Minneapolis, MN 55408

APR 10 1981

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Dr. Malt Walton
Minnesota Geological Survey
1433 Eustis St.
St. Paul, Minn. 55108

MARCH, APRIL & MAY, 1981
OFFICERS

Pres	Henry Gangle	2925 Sumpter Ave N. Mpls
V. Pres	Dwight Robinson	97 S. Victoria St. Paul
Sec'y	Joy Hutchinson	3232 Woodbridge St. St. Paul
Treas	Elaine Fink	1935 Girard Ave. S. Mpls
Directors	Virginia Baker	5444 Logan Ave S. Mpls.
	Dale Johnson	11310 Co. Rd. 15 Plymouth
	Conrad Nelson	900 Centennial Place Mpls.
	Elizabeth Olten	1577 Fulham St. Paul
	Pat Wigton	3349 Pierce St. N.E.Mpls

WHAT'S DOING?

April... Workshop....Sat., 4th, 9:00 A.M., S.E. Van Cleve Park, 18th Ave. and Como S.E.

Annual Banquet....Mon., 27th, 6:30 P.M.,
Fair Oaks Motel, Mpls

Summer... Field Trips.....To be Announced.

August... State Fair Booth.



G.S.M. NEEDS YOU - DON'T SIT THERE BORED... SIT ON THE BOARD!

Maybe an Army travels on its stomach, but a Geological Society travels on the brains and ideas of its volunteers. If you've got some ideas about a good program for the future, some good contacts and suggestions for summer field trips, or a brainstorm on getting new members to join GSM, come to our Board meetings. They are held about once a month and are announced at every lecture.

There's probably a need to fit your talents: Like to write an article?--Ethel Shimek will find a space for you in the newsletter. Got some ideas on how to arrange the State Fair Booth--see Liz Ooten about that. Feel like teaching some aspect of Geology yourself?--there's always next year's workshop.

By the way, we usually have refreshments at the Board meetings---we travel on our stomachs a little too!

Jay Hutchinson



BANQUET

Banquet (bān'kēt), n., s., -queted, -queting. —1. a lavish meal, feast. 2. a ceremonial public dinner, esp. one given by a government in honor of a visiting official. 3. to entertain or regale (a person) with a banquet. 4. to have or attend a banquet; feast. [*C.* F. *bancet*, *banquet*; *Medieval French* *banquet*; *Fr.* *banquet*; *It.* *banqueto*; *Sp.* *banquete*. —*OED* 1. See *feast*.

PROGRAM	Dr. Calvin Alexander, U of M Will speak on <u>Water Problems in Southeastern Minnesota Around Spring Valley</u>
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TIME	Monday, April 29 at 6:30 p.m.	COST	\$9.00 R.S.V.P.
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PLACE	Twin Oaks Motel 2335 Third Ave. So. Board #9B bus on 6th street to 24th street.	by April 15
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PLACE	Twin Oaks Motel 2335 Third Ave. So. Board # 9B bus on sixth street so. ride to 24th street.	Please send checks to Dorothy Jeffreys 9509 5th Av. So. Bloomington 55420 Phone 888 12 24
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WELCOME



New Members

Fern Belle Frost 644 4966
1604 Charles Av. St. Paul 55104

Wilbur I. & Service Hill 633 6074
2866 Dellwood Ave. N.
Roseville 55113

Russ D. Johnson 645 7461
1634 Eustis ST. # 3
St. Paul 55108

Nancy Read 645 7461
1634 Eustis St. # 3
St. Paul 55108

Larry Svitak 425 5267
6659 Vickeburg Lane
Maple Grove, Minn. 55369

Erick D. Waage 545 8244
13438 Larkin Circle
Minnetonka 55343

Edward J. Zawlocki 529 9420
1828 Dupont Av. N.
Minneapolis 55411

Richard J. & Naomi Zelinka
7033 Lakeview Dr. 784 4829
Circle Pines 55014

IN MEMORIAM

George H. Schwartz, a long time member of the U.OF M. Department of Geology and head of the Minnesota Geological Survey from 1947 to 1961, died December 23rd in Minneapolis at the age of 88. He leaves his widow, Ruth, three children, seven grandchildren and four great grandchildren.

Dr. Schwartz came to Minnesota in 1919 after earning a BA and MA in geology at the University of Wisconsin, and a PhD in 1923 at the University of Minnesota. He became an instructor at U. OF M. in 1919 and retired a full professor in 1961. In 1947 he was appointed Director of the Minnesota Geological Survey and remained until retirement.

It was while working in the thirties on the geology of Minneapolis and St. Paul that he encountered Edward P. Burch, founder of GSM (1938). Dr. Schwartz was a member from the beginning and participated in its activities over many years.

In 1954 Dr. Schwartz along with Professor George A. Thiel, long the head of the geology department, published "Minnesota's Rocks and Waters" a best seller. Besides writing 142 scientific and technical papers on geology, he wrote a history of the Minnesota Geological Survey in 1964 and a centennial volume on geology at the U. of M. in 1972.

We are all losers in his passing.

Margaret A. Paschke, a retired St. Paul high school mathematics teacher, died March 1st at the Highland Chateau Nursing Home.

Paschke, 77, had been ill since she suffered a stroke last November. A native of Blue Earth, Paschke attended Winona College(now Winona State University) and the University of Minnesota.

She came to the Twin Cities in 1923 and taught in St. Paul for about 40 years at several high schools.

As an exchange teacher she taught at a boys' school in Germany for a year, and for another at a girls' school in Hong Kong.

A member of G.S.M. from 1939 she led several field trips mainly in the North Shore Area where she had a summer place. After retiring she did volunteer work at a St. Paul Hospital.

Survivors include three sisters, Rose Schoch and Manilla Paschke of St. Paul and Ruth Muller of Muskegon, Mich.

New Member Invites Correspondence:

David Dathe is a graduate student at Northern Illinois University. "I have an intense interest in the Ordovician rocks that occur in southern Minnesota, especially in Fillmore county, and I would be more than happy to correspond with any of your members concerning any aspect of these rocks." he writes.

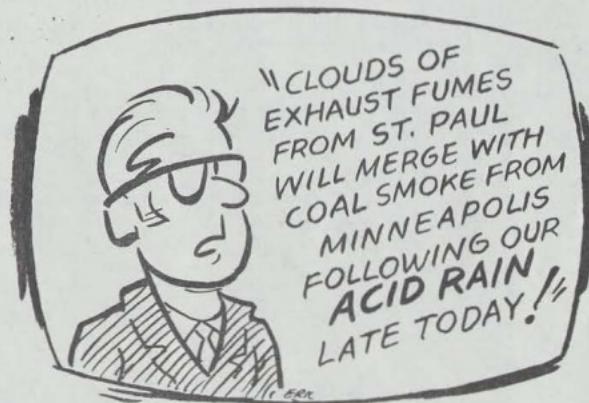
Address: David Dathe, 909 S. Broadway, Spring Valley, MN 55975.

PLANS FOR SUMMER TRIPS IN PROGRESS ..

1. Black Hills -- 5 days by car (camping or motel)
 This trip will be led by Dr. William Roher, a geomorphologist who is teaching at Macalester College. We will study the geology of this area which has been uplifted in the same manner as the Rocky Mountains farther west. Three days are planned for field work, with one day to drive out and one day to drive back (or on for further vacationing for those who wish to do so). Group camping facilities will be arranged, and motels will be available nearby also.
2. The Paleozoic Rocks of Southeastern Minnesota -- one day by car
 Dr. Gerald Webers from Macalester College will show us the Ordovician sedimentary rocks found in Southeastern Minnesota. We will be studying those in the upper part of the column, starting at Rochester and moving on toward the Minnesota-Iowa border. Last summer Dr. Webers led a trip from Taylor's Falls to Cannon Falls to look at the lower part of the column.
3. The Milky Way Galaxy -- a special Planetarium show at the Minneapolis Public Library
 There will be a special presentation on the Milky Way Galaxy to the G.S.M. given by Rod Nerdahl from the St. Paul Science Museum. Rod, who is a long-time member of the G.S.M., regularly gives the planetarium shows at the library as part of his work with the St. Paul Science Museum. He has agreed to prepare a special in-depth Planetarium lesson on the stars for us.

Dates for the field trips will be announced as soon as they are available. There will be sign-up sheets at the remaining lectures and the Spring Banquet. These will indicate your interest in being called to receive information before each trip. Or you may call Bob Gunville, Field Trip Chairman (574-1421).

TEEVEE
WEATHER
FORECAST



1981 SPRING WORKSHOP DATE SET

When: Saturday, 4 April, 1981 -- 8:30 A.M. - 2:30 P.M.

Where: Van Cleve Recreation Center, corner of 15th Ave. SE and Como Avenue, Minneapolis (just north of Dinkytown and the U of M main campus)

Cost: No registration fee; however, donations to offset rental costs of the building and of films will be gratefully accepted

Lunch: Bring your own bag lunch; coffee, tea, and hot water will be furnished by the Society. (The Rec Center has no dining facilities.)

Please bring pencil(s) and eraser(s). Other items will be furnished by the Society.

1981 THEME: SOME ASPECTS OF THE GEOLOGY OF THE AMERICAN SOUTHWEST,
WITH EMPHASIS ON THE COLORADO PLATEAU/"FOUR CORNERS" AREA

TENTATIVE SCHEDULE (times, order of presentations, and topics of presentations subject to change):

8:30 - 9:00	Registration, coffee, workshop set-up
9:00 - 9:05	Introduction to workshop
9:05 - 10:00	The Colorado Plateau and adjacent areas: an overview (Marsha and Bob Gunville)
10:00 - 10:30	Film: Mountain building and erosion in the Colorado Plateau
10:30 - 10:45	Break (coffee, etc.)
10:45 - 11:30	Relative geological time and reconstruction of ancient environments using rocks and fossils (Dick Uthe)
11:30 - 12:00	Dinosaurs: biology, evolution, extinction (Dwight Robinson)
12:00 - 12:45	Lunch
12:45 - 1:15	Recent volcanism in Northern Arizona and its effects on early inhabitants of the region (Sr. Joan Kain)
1:15 - 1:45	Film: Some aspect of mineral resources of the Colorado Plateau (like copper mining or petroleum)
1:45 - 2:30	What geologic highway maps of the Colorado Plateau tell us. (Map analysis with questions and discussion)
2:30	End of workshop

If you have questions or comments, please let us know!

Workshop Committee: Bob Handschin (774-1431)
Sr. Joan Kain (work: 690-6718, afternoons)
Dwight Robinson (227-3394)
Dick Uthe (home: 631-9677 or work: 373-4028)

Contributors: Bob Handschin, Jay Hutchinson, Bob Gunville, Dick Uthe;
Production assistants: James Erickson, Ron Fraser, Ann and Irene Jaworski.